

11. (New) A method for cutting an optical fiber, for cutting the optical fiber by moving a cutting blade, comprising a step of moving the cutting blade having a blade thickness α (mm) at a velocity β (mm/minute) relative to the optical fiber during the cutting, wherein $\beta \leq -253\alpha + 65$ (mm/minute), and when the velocity β is positive, the cutting blade moves in a direction for cutting the optical fiber.

12. (New) The method for cutting an optical fiber according to Claim 11, further comprising a step of heating said cutting blade.

13. (New) The method for cutting an optical fiber according to Claim 11, wherein said cutting blade is moved by using an optical fiber cutting apparatus including said cutting blade, a cutting blade holder configured to hold and to move said cutting blade to a cutting position, an optical fiber supporter configured to support the optical fiber such that said cutting blade is perpendicular to the optical fiber at the cutting position, a speed reducing device configured to reduce and to transmit drive force, and a drive force transmission device configured to transmit the drive force from said speed reducing device to said cutting blade holder.

14. (New) The method for cutting an optical fiber according to Claim 13, wherein said drive force is provided by a motor.

15. (New) The method for cutting an optical fiber according to Claim 14, wherein said speed reducing device comprises a plurality of speed reducing gears configured to reduce a rotational speed of said motor.

16. (New) The method for cutting an optical fiber according to Claim 15, wherein said drive force transmission device comprises a cam configured to rotate along with a rotation of said plurality of speed reducing gears and a cam follower configured to move in a rectilinear direction along with a rotation of said cam.